

UTILITY  
PATENT APPLICATION  
TRANSMITTAL

Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

2343-137-27

First Inventor or Application Identifier

Jeffrey B. CASADY

Title

SILICON CARBIDE AND RELATED WIDE-BANDGAP TRANSISTORS ON  
SEMI-INSULATING EPITAXY FOR HIGH-SPEED, HIGH POWER  
APPLICATIONS

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ Fee Transmittal Form (e.g. PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
- ☒ Applicant claims small entity status.
2. ☒ Specification Total Pages **17**
3. ☒ Drawing(s) (35 U.S.C. 113) Total Sheets **3**
- ☐ Oath or Declaration Total Pages
- a. ☐ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 C.F.R. §1.63(d))  
(for continuation/divisional with box 16 completed)
- ☐ Incorporation By Reference (usable if box 4B is checked)  
The entire disclosure of the prior application, from which a copy of the  
oath or declaration is supplied under Box 4B, is considered to be part  
of the disclosure of the accompanying application and is hereby  
incorporated by reference therein.

ACCOMPANYING DOCUMENTS

6. ☐ Assignment Papers (cover sheet & document(s))
7. ☐ 37 C.F.R. §3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
8. ☐ English Translation Document (if applicable)
9. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
10. ☐ Preliminary Amendment
11. ☒ White Advance Serial No. Postcard
12. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
13. ☐ Request for Priority
14. ☒ List of Inventors' Names and Addresses
15. ☐ Other:

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application no.:  
Prior application information: Examiner: Group Art Unit:

17. Amend the specification by inserting before the first line the sentence:

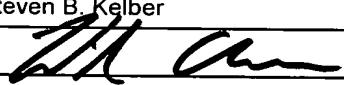
☐ This application is a ☐ Continuation ☐ Division ☐ Continuation-in-part (CIP)  
of application Serial No. Filed on

☒ This application claims priority of provisional application Serial No. 60/259,207

Filed January 3, 2001

18. CORRESPONDENCE ADDRESS

Supervisor, Patent Prosecution Services  
PIPER MARBURY RUDNICK & WOLFE LLP  
1200 Nineteenth Street, N.W.  
Washington, D.C. 20036-2412  
Telephone No. (202) 861-3900  
Facsimile No. (202) 223-2085

Name	Steven B. Kelber	Registration No.	30,073
Signature		Date	1/3/02
Name	Wilburn L. Chesser	Registration No.	41,668

01/03/02

JC698 U.S. PTO

## FEE TRANSMITTAL

Docket No.	2343-137-27
Serial No.	New Application
Filing Date	Herewith
Inventor(s)	Jeffrey B. CASADY, et al.
Group Art Unit	
Examiner	

TOTAL AMOUNT OF PAYMENT \$588.00

## FEE CALCULATION (continued)

1. ☒ Applicant claims small entity status.
- ☐ Charge any UNDERPAYMENT or credit any OVERPAYMENT in the indicated fees to Deposit Account No. 50-1442.
- ☐ Charge the indicated fees to Deposit Account No. 50-1442.

## 3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
105	130	205	65	Surcharge-late filing fee or oath	\$65.00

## FEE CALCULATION

## BASIC FILING FEE

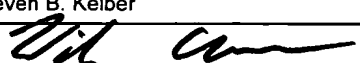
Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
127	50	227	25	Surcharge-late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2520	147	2520	Ex parte reexam. fee	
115	110	215	55	1-mo. ext. of time	
116	400	216	200	2-mo. ext. of time	
117	920	217	460	3-mo. ext. of time	
118	1440	218	720	4-mo. ext. of time	
128	1960	228	980	5-mo. ext. of time	
119	320	219	160	Notice of Appeal	
SUBTOTAL (1)					\$370.00

## 2. EXTRA CLAIM FEES

tot. claims	37	-	20*	=	17	x	\$9	=	153	121	280	221	140	Request for Oral Hearing		
ind. claims	2	-	3*	=	0	x	\$42	=	0	142	1280	242	640	Utility/Reissue Issue Fee		
<input type="checkbox"/>	Multiple Dependent Claims						\$140	=		143	460	243	230	Design Issue Fee		
Large Entity		Small Entity		Fee Description						144	620	244	310	Plant Issue Fee		
Fee Code	Fee (\$)	Fee Code	Fee (\$)							122	130	122	130	Petitions to the Commissioner		
103	18	203	9	Claims in excess of 20						126	180	126	180	IDS Submission		
102	84	202	42	Independent claims in excess of 3						581	40	581	40	Assignment		
104	280	204	140	Multiple dependent claim, if not paid						179	740	279	370	For Filing RCE		
109	84	209	42	*Reissue independent claims over original patent						169	900	169	900	Expedited Design		
110	18	210	9	*Reissue claims in excess of 20 and over original patent						OTHER (indicate below):						
SUBTOTAL (2)								\$153.00								

\* or number previously paid, if greater; For Reissues, see above

SUBTOTAL (3) \$65.00

Name	Steven B. Kelber	Registration No.	30,073
Signature		Date	1/3/02
Name	Wilburn L. Chesser	Registration No.	41,668
Telephone	202-861-3900		

DOCKET NO. 2343-137-27

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Jeffrey B. CASADY, et al.

ART UNIT:

SERIAL NO.: New Application

EXAMINER:

FILING DATE: Herewith

FOR: SILICON CARBIDE AND RELATED WIDE-BANDGAP TRANSISTORS  
ON SEMI-INSULATING EPITAXY FOR HIGH-SPEED, HIGH-POWER  
APPLICATIONS

**LIST OF INVENTORS' NAMES AND ADDRESSES**

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

Listed below are the names and addresses of the inventors for the above-identified patent application.

Jeffrey B. CASADY  
301 Laurel Hill Drive  
Starkville, MS 39759

Michael MAZZOLA  
1891 Chapel Hill Road  
Starkville, MS 39759

A declaration containing all the necessary information will be submitted at a later date.

Respectfully submitted,

PIPER MARBURY RUDNICK & WOLFE LLP



Steven B. Kelber  
Registration No. 30,073  
Attorney of Record

1200 Nineteenth Street, N.W.  
Washington, D.C. 20036-2412  
Telephone No. (202) 861-3900  
Facsimile No. (202) 223-2085

Wilburn L. Chesser  
Registration No. 41,668

10033785-010302